

Personal Information

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Education Information

Doctorate, University Of Missouri-St.Louis, United States Of America 1985 - 1991

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Application of Lanhanide (III) Luminescence and Circularly polarized Luminescence to the study of Calcium Binding Proteins, University Of Missouri-St.Louis, 1991

Academic Titles / Tasks

Associate Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, 2014 - Continues

Professional Experience

Head of Department, Middle East Technical University, Graduate School of Natural and Applied Sciences, 2006 - 2008

Advising Theses

ÇORUH N., ADALI O., The effects of plant originated bioactive compounds on melanogenesis and tyrosinase, Doctorate, Ş.ŞAHİN(Student), 2016

ÇORUH N., ADALI O., Research of phytochemical AMPK activators against obesity and development of dietary supplements, Doctorate, Y.KÜMBET(Student), 2016

ÇORUH N., Identification of phenolic compounds in Rheum ribes L., Post Graduate, S.FAZELI(Student), 2016

ÇORUH N., ADALI O., Investigation of plant derived substances that promote the biosynthesis of collagen; development of cosmetic and dermatological skin care products, Doctorate, A.KURT(Student), 2015

ÇORUH N., Determination of phenolic compounds in Aconitum cochleare woroschin, Post Graduate, A.RAFIQ(Student), 2015

ÇORUH N., Rosa heckeliana (rosacea) roots extract: bioactivity guided fractionation and cytotoxicity against breast cancer cell lines, Doctorate, N.ÖZDOĞAN(Student), 2013

ÇORUH N., Microarray applications for determination of the effects of emodin on breast cancer cell lines, Post Graduate, E.QOMI(Student), 2012

ÇORUH N., Antioxidant capacities of selected fruits and herbal teas consumed in regular diet and their antimicrobial activities against Staphylococcus aureus, Post Graduate, B.BARUT(Student), 2011

ÇORUH N., Investigation of chemopreventive and apoptotic characteristics of Turkish medicinal plant Rheum ribes, Doctorate, P.UYAR(Student), 2011

ÇORUH N., Characterization of antioxidant and antimicrobial isolates from Quercus brantii L. extract, Post Graduate, C.NEBİGİL(Student), 2011

ÇORUH N., Determination of morphine and total phenolic content in poppy seed of Turkish origin, Post Graduate, A.GEVENKİRİŞ(Student), 2011

ÇORUH N., Investigation of the inflammatory pathways in spontaneously differentiating Caco-2 cells, Doctorate, E.ASTARCI(Student), 2011

ÇORUH N., Investigation of antioxidant activities of fruit juices and herbal teas and their antimicrobial effects on proteus mirabilis, Post Graduate, Y.KÜMBET(Student), 2010

ÇORUH N., DNA repair genes, XRCC3 and RAD51, polymorphisms and risk of childhood acute lymphoblastic leukemia, Post Graduate, C.TANRIKUT(Student), 2010

ÇORUH N., Investigating the anticarcinogenic role of Salix aegyptiaca L. in colorectal carcinoma, Post Graduate, S.ENAYAT(Student), 2009

ÇORUH N., Isolation and characterisation of antioxidant compounds in yellow rose root extracts, Post Graduate, Y.KYEJJUSA(Student), 2009

ÇORUH N., DOĞAN M., Antioxidant and antimicrobial activities of dietary plants against group A β -haemolytic streptococci, Post Graduate, Ö.FARUK(Student), 2009

ÇORUH N., Investigation for natural extract inhibitors of bovine lens aldose reductase responsible for the formation of diabetes dependent cataract, Post Graduate, M.ONAY(Student), 2008

ÇORUH N., HPLC-DAD isolation of antioxidant compounds in Aesculus hippocastanum bark extracts and cytotoxic effects on HL-60 cells, Post Graduate, N.ÖZDOĞAN(Student), 2007

ÇORUH N., Screening for antioxidant activities of several medicinal plant extracts and their effects on glutathione-S-transferase activity, Doctorate, A.GÜLÇİN(Student), 2005

ÇORUH N., Inhibitory effects of plant originated extracts on bovine lens aldose reductase, Post Graduate, S.ZAIMOĞLU(Student), 2004

ÇORUH N., Isolation and immunologic characterization of theta class glutathione S-transferase GSTT2-2 from bovine liver, Doctorate, S.BELGİN(Student), 2004

ÇORUH N., Isolation of a bioactive compound hypericin from a medicinal plant Hypericum perforatum L. using basic chromatography methods, Post Graduate, B.DURU(Student), 2003

ÇORUH N., Isolation of esculetin from Aesculus hippocastanum L. and its antioxidant effects on microsomal lipid peroxidation, Post Graduate, E.AYDIN(Student), 2002

ÇORUH N., Effects of aescin from aesculus hippocastanum extracts on microsomal lipid peroxidation, Post Graduate, A.GÜLÇİN(Student), 2000

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Wild-growing Rosa heckeliana Tratt.: phenolic constituents with cytotoxic and antioxidative properties**
ÇORUH N., ÖZDOĞAN N.
TURKISH JOURNAL OF BIOLOGY, vol.41, pp.195-212, 2017 (Journal Indexed in SCI)
- **Identification and Quantification of Phenolic Components of Rosa heckeliana Tratt Roots**
ÇORUH N., Ozdogan N.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.38, pp.569-578, 2015 (Journal Indexed in SCI)
- **FLUORESCENT COUMARIN COMPONENTS OF THE BARK OF AESCULUS HIPPOCASTANUM**
ÇORUH N., Ozdogan N.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.37, pp.1334-1350, 2014 (Journal Indexed in SCI)
- **RAPID AND COMPREHENSIVE SEPARATION FOR THE PHENOLIC CONSTITUENTS OF QUERCUS BRANTII ACORNS BY RP-HPLC-DAD**
ÇORUH N., Nebigil C., Ozgokce F.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.37, pp.907-915, 2014 (Journal Indexed in SCI)
- **Oxidation of phenolic compounds by the bifunctional catalase-phenol oxidase (CATPO) from Scytalidium thermophilum**
Avci G. K. , ÇORUH N., Bolukbasi U., Ogel Z. B.
APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, vol.97, pp.661-672, 2013 (Journal Indexed in SCI)

- **Antioxidant Capacity and Cytotoxicity of Aesculus hippocastanum on Breast Cancer MCF-7 Cells**
Celep A. G. S. , Yilmaz S., ÇORUH N.
JOURNAL OF FOOD AND DRUG ANALYSIS, vol.20, pp.692-698, 2012 (Journal Indexed in SCI)
- **Production of a novel bifunctional catalase-phenol oxidase of Scytalidium thermophilum in the presence of phenolic compounds**
YUZUGULLU Y., Ogel Z. B. , BOLUKBASI U. B. , ÇORUH N., KARAKAŞ G.
TURKISH JOURNAL OF BIOLOGY, vol.35, pp.697-704, 2011 (Journal Indexed in SCI)
- **Analysis of biactive compounds of Aesculus Hippocastanum bark using HPLC-DAD**
Ozdogan N., Celep G. S. , Coruh N.
DRUGS OF THE FUTURE, vol.32, pp.64, 2007 (Journal Indexed in SCI)
- **Antioxidant capacities of Gundelia tournefortii L. extracts and inhibition on glutathione-S-transferase activity**
Coruh N., Celep A. G. S. , Ozgokce F., Iscan M.
FOOD CHEMISTRY, vol.100, pp.1249-1253, 2007 (Journal Indexed in SCI)
- **Antioxidant properties of Prangos ferulacea (L.) Lindl., Chaerophyllum macropodium Boiss. and Heracleum persicum Desf. from Apiaceae family used as food in Eastern Anatolia and their inhibitory effects on glutathione-S-transferase**
Coruh N., Celep A. G. S. , Ozgokce F.
FOOD CHEMISTRY, vol.100, pp.1237-1242, 2007 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- **Anti-oxidant properties of the seeds of Gundelia tournefortii L.**
ŞAHİN S. M. , ÇORUH N., Ozgokce F.
40th Congress of the Federation-of-European-Biochemical-Societies (FEBS) - The Biochemical Basis of Life, Berlin, Germany, 4 - 09 July 2015, vol.282, pp.126
- **Antioxidant capacity of daily consumed peach fruit juice and its antimicrobial effect on Proteus mirabilis**
Kumbet Y., ÇORUH N.
40th Congress of the Federation-of-European-Biochemical-Societies (FEBS) - The Biochemical Basis of Life, Berlin, Germany, 4 - 09 July 2015, vol.282, pp.126
- **Anti-oxidant capacity of Aesculus hippocastanum fruit parts as an anti-aging agent**
AKSOY A., ŞAHİN S. M. , Kumbet Y., ÇORUH N.
38th Congress of the Federation-of-European-Biochemical-Societies (FEBS), Saint Peter, Guernsey And Alderney, 6 - 11 July 2013, vol.280, pp.512
- **Identification of phenolic constituents from Turkish A-hippocastanum by RP-HPLC**
Ozdogan N., ÇORUH N.
38th Congress of the Federation-of-European-Biochemical-Societies (FEBS), Saint Peter, Guernsey And Alderney, 6 - 11 July 2013, vol.280, pp.513-514
- **Characterization of bovine lens aldose reductase enzyme and its kinetics study on cofactor NADPH**
Onay M., ÇORUH N.
22nd IUBMB Congress/37th FEBS Congress, Sevilla, Spain, 4 - 09 September 2012, vol.279, pp.428
- **Rheum ribes ethanol extracts induce apoptosis of HL-60 cells by a caspase dependent pathway**
UYAR P., Ozgokce F., ÇORUH N., Iscan M.
22nd IUBMB Congress/37th FEBS Congress, Sevilla, Spain, 4 - 09 September 2012, vol.279, pp.56-57
- **An investigation on the antioxidant activities and total phenolics content of Calendula officinalis**
Ozdogan N., ŞAHİN S. M. , AKSOY A., Kumbet Y., ÇORUH N.
22nd IUBMB Congress/37th FEBS Congress, Sevilla, Spain, 4 - 09 September 2012, vol.279, pp.555
- **Free radical scavenging capacity of ethyl acetate extract of Salvia tomentosa**
Onay M., ÇORUH N., Celep F., DOĞAN M.
European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, vol.22
- **Total phenolics content of the ethyl acetate extract of Salvia tomentosa**
Onay M., ÇORUH N., Celep F., DOĞAN M.

59th International Congress and Annual Meeting of the Society-for-Medicinal-Plant-and-Natural-Product-Research, Antalya, Turkey, 4 - 09 September 2011, vol.77, pp.1314

- **Kinetics studies on glyceraldehyde concentration of bovine lens aldose reductase**

Onay M., Onay M., ÇORUH N., İŞGÖR S. B.

36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.123

- **Aldose reductase natural inhibitors from ethyl acetate extracts from southern Turkey**

Onay M., ÇORUH N., Isgor B.

9th International Meeting of the International-Society-for-the-Study-of-Xenobiotics(ISSX), İstanbul, Turkey, 4 - 08 September 2010, vol.42, pp.170

- **EFFECTS OF RHEUM RIBES ETHANOLIC EXTRACTS ON CYTOCHROMES P450 1B1 (CYP1B1) GENE EXPRESSION AND GLUTATHIONE-S-TRANSFERASE (GST) ACTIVITY IN HL-60 CELLS**

Uyar P., Ozgokce F., Coruh N., Iscan M.

10th European Regional Meeting of the International-Society-for-the-Study-of-Xenobiotics, Vienna, Austria, 18 - 21 May 2008, vol.40, pp.57-58

- **Antioxidative and antiproliferative effects of Turkish Rheum ribes aqueous extract**

Uyar P., Ozgokce F., Coruh N., Iscan M.

31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.353-354

- **Total phenolics content and free radical scavenging capacities of Aesculus hippocastanum L. bark extracts**

Ozdogan N., Coruh N.

31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.183

Supported Projects

YILMAZ A., AKMAN P., GÖKAĞAÇ ARSLAN G., ÇORUH N., NALBANT ESENTÜRK E., KAYRAN İŞÇİ C., PERSİL ÇETİNKOL Ö., Project Supported by Higher Education Institutions, Lüminesan MCM-41 Mezogözenekli Silika Nanoparçacıklarına Selekoksib Yükleme Çalışmaları: İlaç Yükleme ve Bırakma Özellikleri, 2018 - 2019

GÖKAĞAÇ ARSLAN G., YILMAZ A., ÇORUH N., NALBANT ESENTÜRK E., KAYRAN İŞÇİ C., PERSİL ÇETİNKOL Ö., Project Supported by Higher Education Institutions, Değişik destek maddeleri kullanılarak yeni katalizörlerin hazırlanması, 2017 - 2017

TOPPARE L. K. , GÖKER S., EREL GÖKTEPE İ., ÇORUH N., ÇIRPAN A., GÜNBAŞ E. G. , ZORA M., Project Supported by Higher Education Institutions, Pestisit tayinine dönük biyosensörlerin hazırlanması, 2016 - 2016

TOPPARE L. K. , EREL GÖKTEPE İ., ÇORUH N., ÇIRPAN A., Project Supported by Higher Education Institutions, Tiyofen ve Selenofen türevlerinin sentezi, elektrokromik ve güneş gözesi uygulamaları, 2015 - 2015

TUNCEL S., GÖKMEN A., ERTAŞ G., VOLKAN M., ÇORUH N., GÖKMEN G. İ. , Project Supported by Higher Education Institutions, Kuzey Kıbrıstaki Aerosollerin Fiziksel ve Kimyasal Çalışması, 2014 - 2014

ÇORUH N., KÜMBET Y., Project Supported by Higher Education Institutions, DOĞAL BİLEŞİKLERİN TOKSİKOLOJİK VE ANTİMİKROBİYAL ETKİLERİNİN ARAŞTIRILMASI, 2013 - 2013

Citations

Total Citations (WOS):162

h-index (WOS):4